

50

Fig. 1B

Fig. 3A

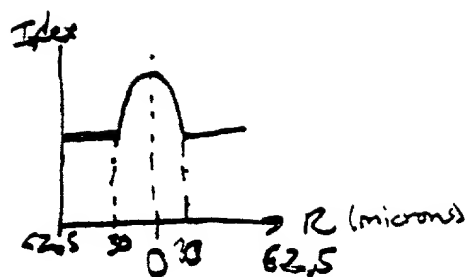


Fig. 3B

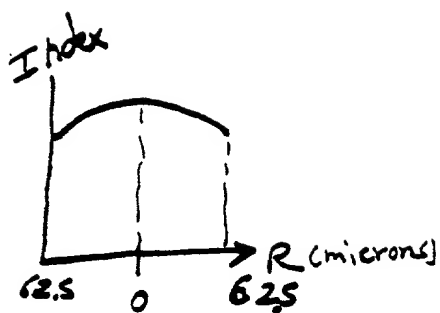


Fig. 4A is a schematic diagram of an optical system for measuring the optical properties of a sample. The system includes a light source 66, a beam splitter 60, a sample 18, an AOM 70, a detector 74, and a reference path 72. The light source 66 emits a beam that is split by the beam splitter 60. One path goes through the sample 18, and the other path goes through the AOM 70. The beams are then recombined and detected by the detector 74. The reference path 72 is used to provide a reference signal for the measurement.

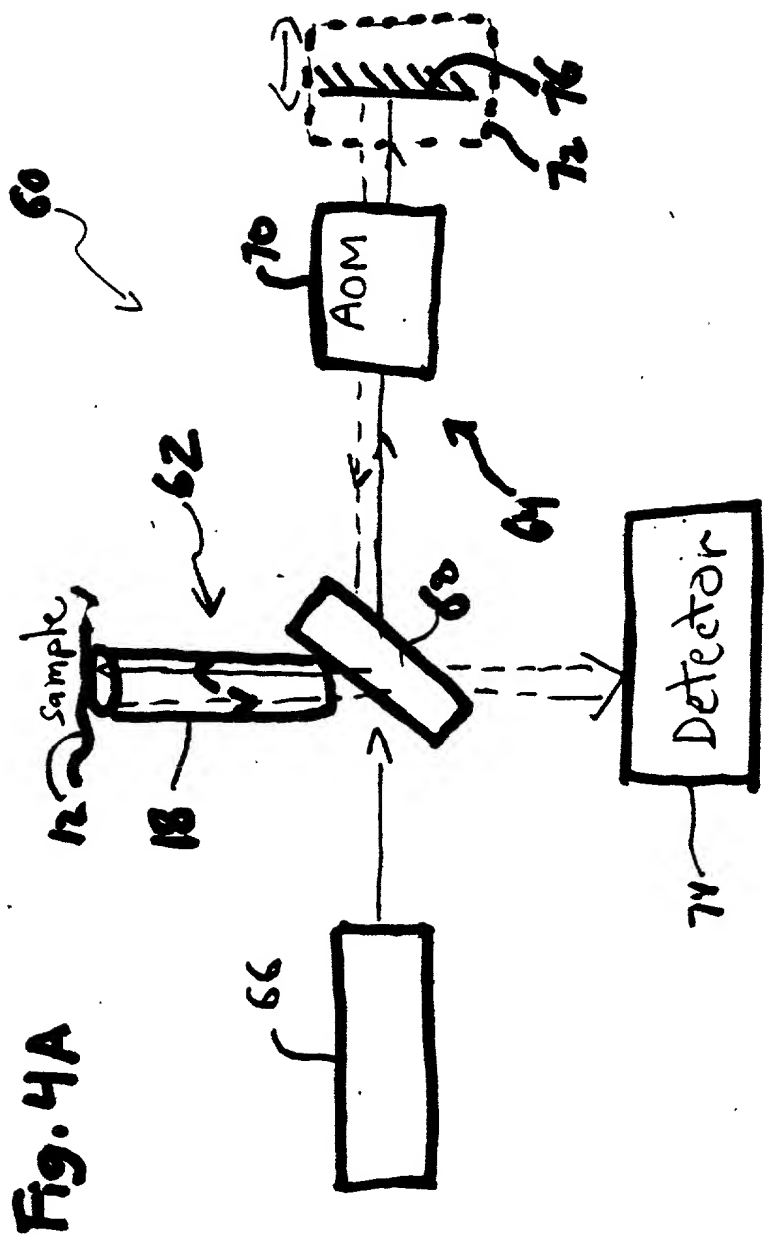


Fig. 4A

Fig. 4B

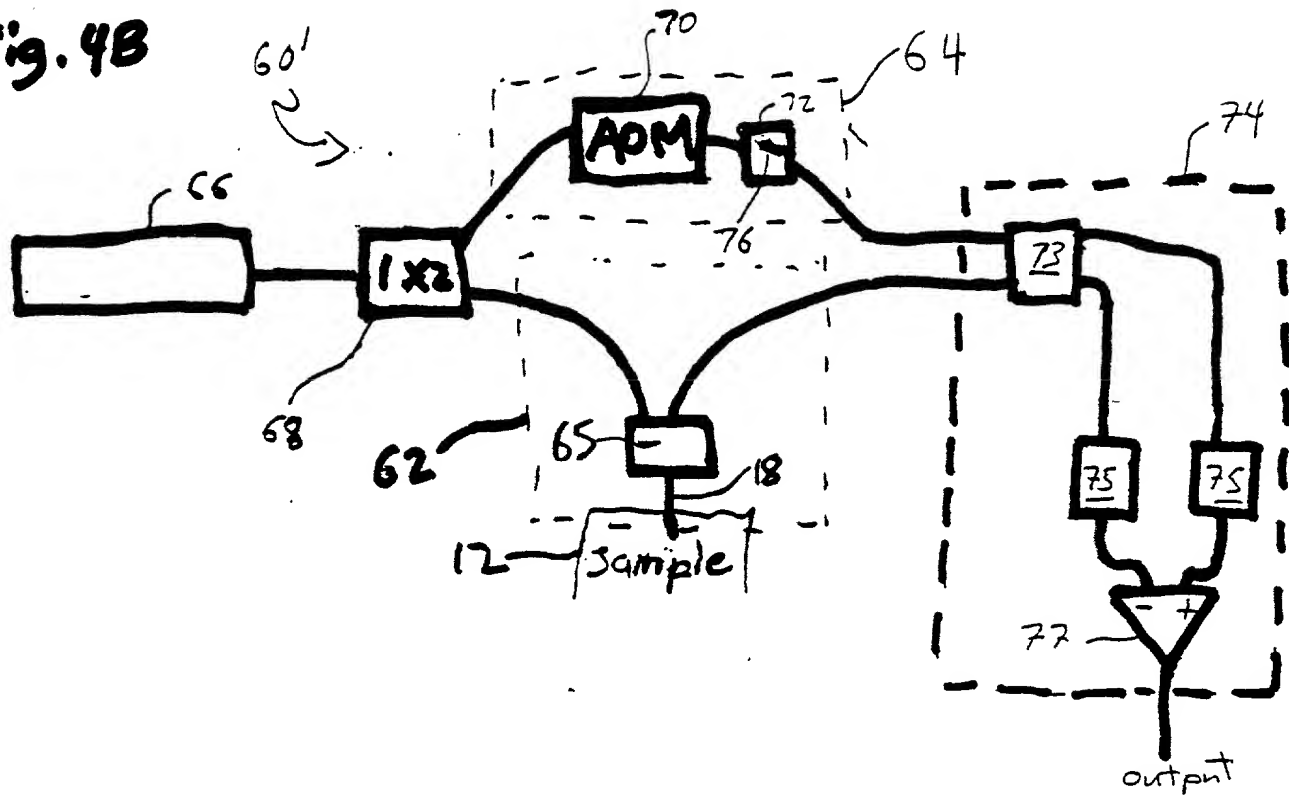


Fig. 4C

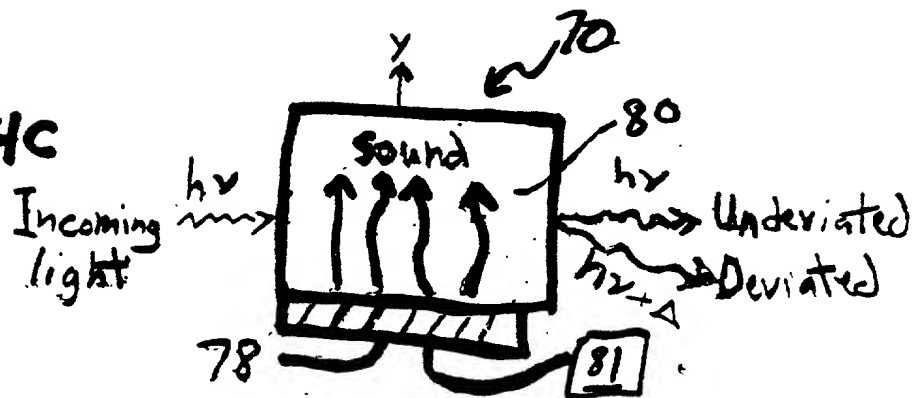


Fig. 5

Fig. 5 is a schematic diagram of a depth scanner and dispersion compensator.

